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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/672,703	09/26/2003	Robert R. Kamrath	45781.78961-001	1119

7590 06/07/2004

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EXAMINER

NELSON JR, MILTON

ART UNIT	PAPER NUMBER
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3636

DATE MAILED: 06/07/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/672,703

Applicant(s)

KAMRATH ET AL.

Examiner

Milton Nelson, Jr.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-95 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-9, 42-49, 59-61 and 70-95 is/are rejected.
- 7) ☒ Claim(s) 10-41, 50-58 and 62-69 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Information Disclosure Statement

The information referred to in the information disclosure statement filed September 23, 2003.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 59, 70-85 and 95 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In claim 59, the recitation "rotates at least seventy about one hundred degrees" is grammatically vague. In claim 70, it is unclear if "a spring" is intended to be the same feature as the first or second spring as set forth in claim 62. Claim 71 is indefinite since it depends from indefinite claim 70. Claims 72-85 are indefinite since each depends from an indefinite claim. In claim 95, "the seatback arc" lacks proper antecedent basis.

Claim Rejections - 35 USC § 102

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The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-9 are rejected under 35 U.S.C. 102(b) as being anticipated by Robinson (5681079). Note the bun (16), actuator (42), rotation of at least seventy degrees (see Figure 1C), rotation of at least one hundred degrees (see Figure 1C), axis (20), clutch (72), cable (86), lock (70), cam (96), and shaft (52).\

Claims 42-49 are rejected under 35 U.S.C. 102(b) as being anticipated by Robinson (5681079). Note the seat pan (12), seatback (14), headrest (16), actuator (148), mounting bracket (130), rotation bracket (132), attachment of the cable to the rotation bracket (at 152, 154), and shaft (134).

Claims 60 and 61 are rejected under 35 U.S.C. 102(b) as being anticipated by Robinson (5681079). Note the mounting bracket (46), shaft (52), rotation bracket (48), cable (86), and spring (34).

Claims 86-95 are rejected under 35 U.S.C. 102(b) as being anticipated by Robinson (5681079). Note the bun (16), pivoting means (46, 48, 52, 86), seatback rotational angle of less than about 25 degrees, seatback rotational angle of less than about 15 degrees, full upright position (see Figure 1A), fully folded position (see Figure 1C), bun extended position (see Figure 1A), bun stowed position (see Figures 1B and 1C).

Allowable Subject Matter

Claims 59 and 70-85 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, second paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

Claims 10-41, 50-58, and 62-69 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

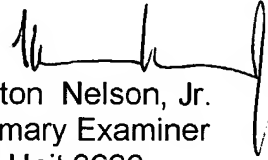
The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Maehara (6670532) shows use of carbon fiber fabric in the construction of furniture. A thermosetting resin film is shown by Asai et al (4345959). Fiber-reinforced plastic prepreg is shown by JP (10-278185). Fiber-reinforced plastic is shown by JP (9-85863). Resin free fabric is shown by JP (2003-286627). An apertured saddle structure is shown by each of Yates (6131994), Yates (6030035), and Yu (5348369). A molded saddle is shown by Huang (5397162).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Milton Nelson, Jr. whose telephone number is 7033082117. The examiner can normally be reached on Monday-Friday 5:30-3:00.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Milton Nelson, Jr.
Primary Examiner
Art Unit 3636

mn
June 1, 2004